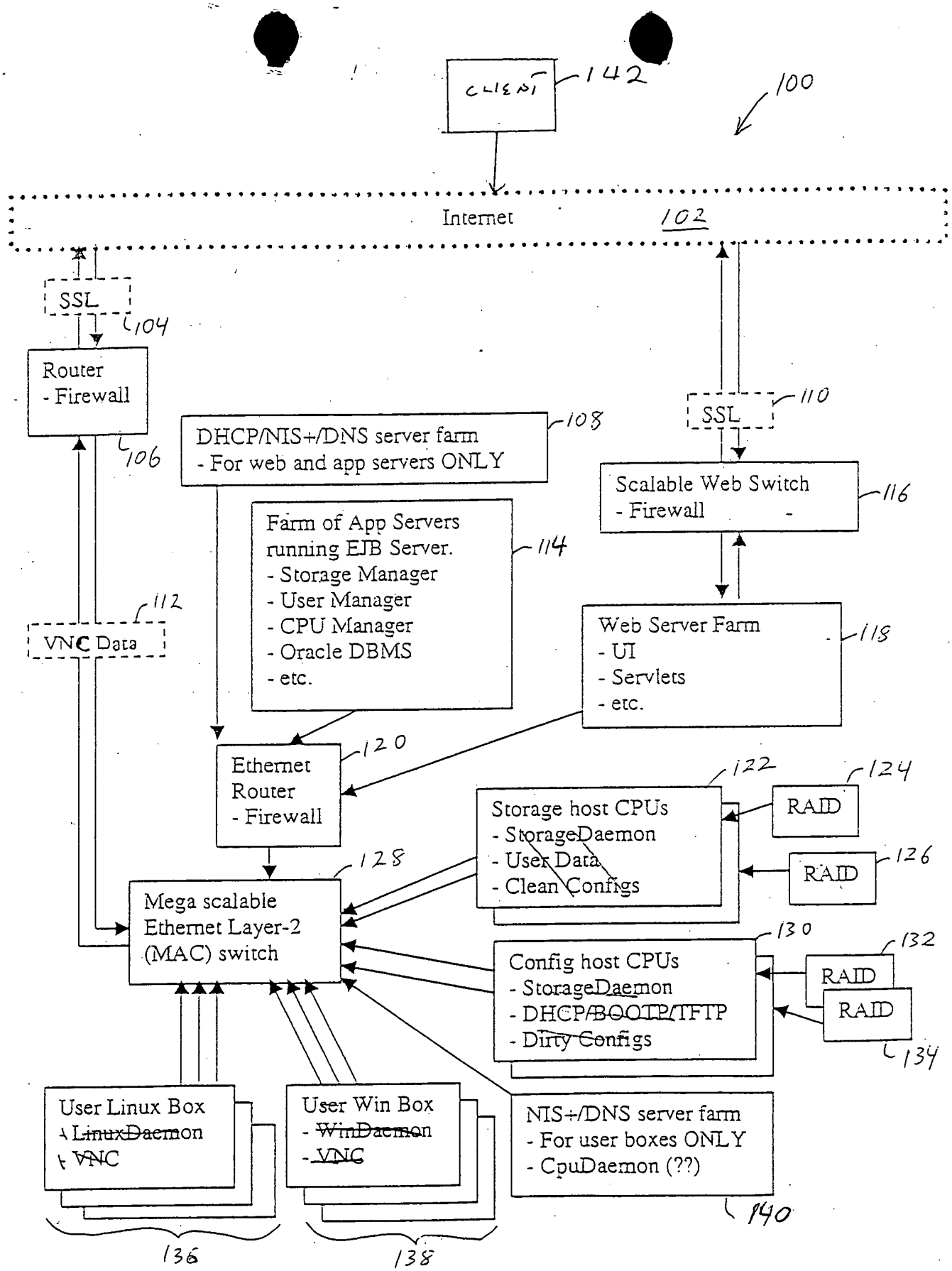
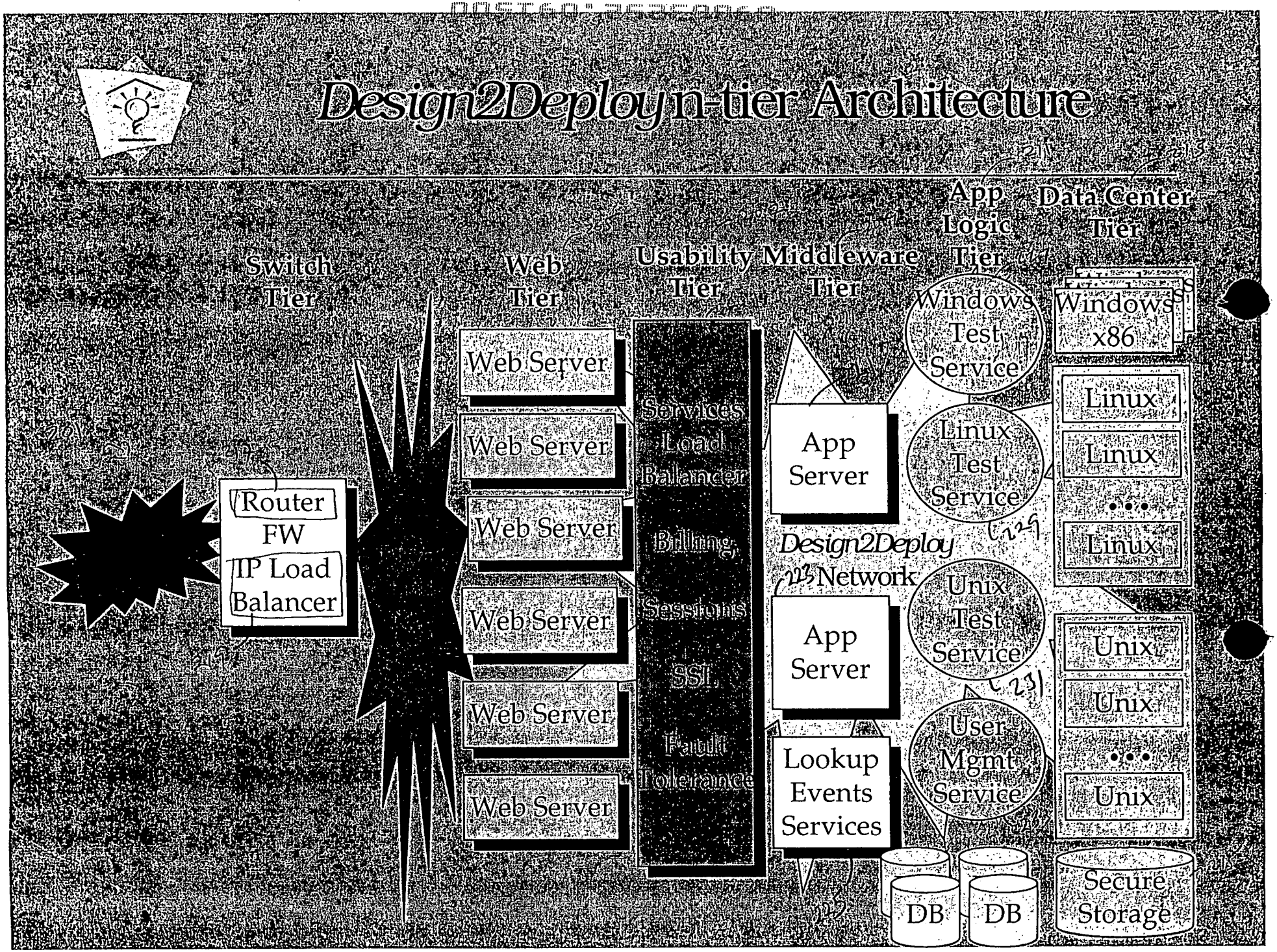

CLIENT
142
100
Internet
102
SSL
104
Router
- Firewall
106
DHCP/NIS+/DNS server farm
- For web and app servers ONLY
108
SSL
110
Scalable Web Switch
- Firewall
116
Farm of App Servers
running EJB Server.
- Storage Manager
- User Manager
- CPU Manager
- Oracle DBMS
- etc.
114
VNC Data
112
Web Server Farm
- UI
- Servlets
- etc.
118
Ethernet
Router
- Firewall
120
Storage host CPUs
- StorageDaemon
- User Data
- Clean Configs
122
RAID
124
RAID
126
Mega scalable
Ethernet Layer-2
(MAC) switch
128
Config host CPUs
- StorageDaemon
- DHCP/BOOTP/TFTP
- Dirty Configs
130
RAID
132
RAID
134
User Linux Box
- LinuxDaemon
- VNC
User Win Box
- WinDaemon
- VNC
NIS+/DNS server farm
- For user boxes ONLY
- CpuDaemon (??)
140
136
138

Fig. 1


Design2Deploy n-tier Architecture
Switch Tier
Web Tier
Usability Middleware Tier
App Logic Tier
Data Center Tier
Router
FW
IP Load Balancer
Web Server
Web Server
Web Server
Web Server
Web Server
Services
Load Balancer
Billing
Sessions
SSL
Fault Tolerance
App Server
App Server
Lookup Events Services
Design2Deploy Network
Windows Test Service
Linux Test Service
Unix Test Service
User Mgmt Service
Windows x86
Linux
Linux
Linux
Unix
Unix
Unix
DB
DB
Secure Storage

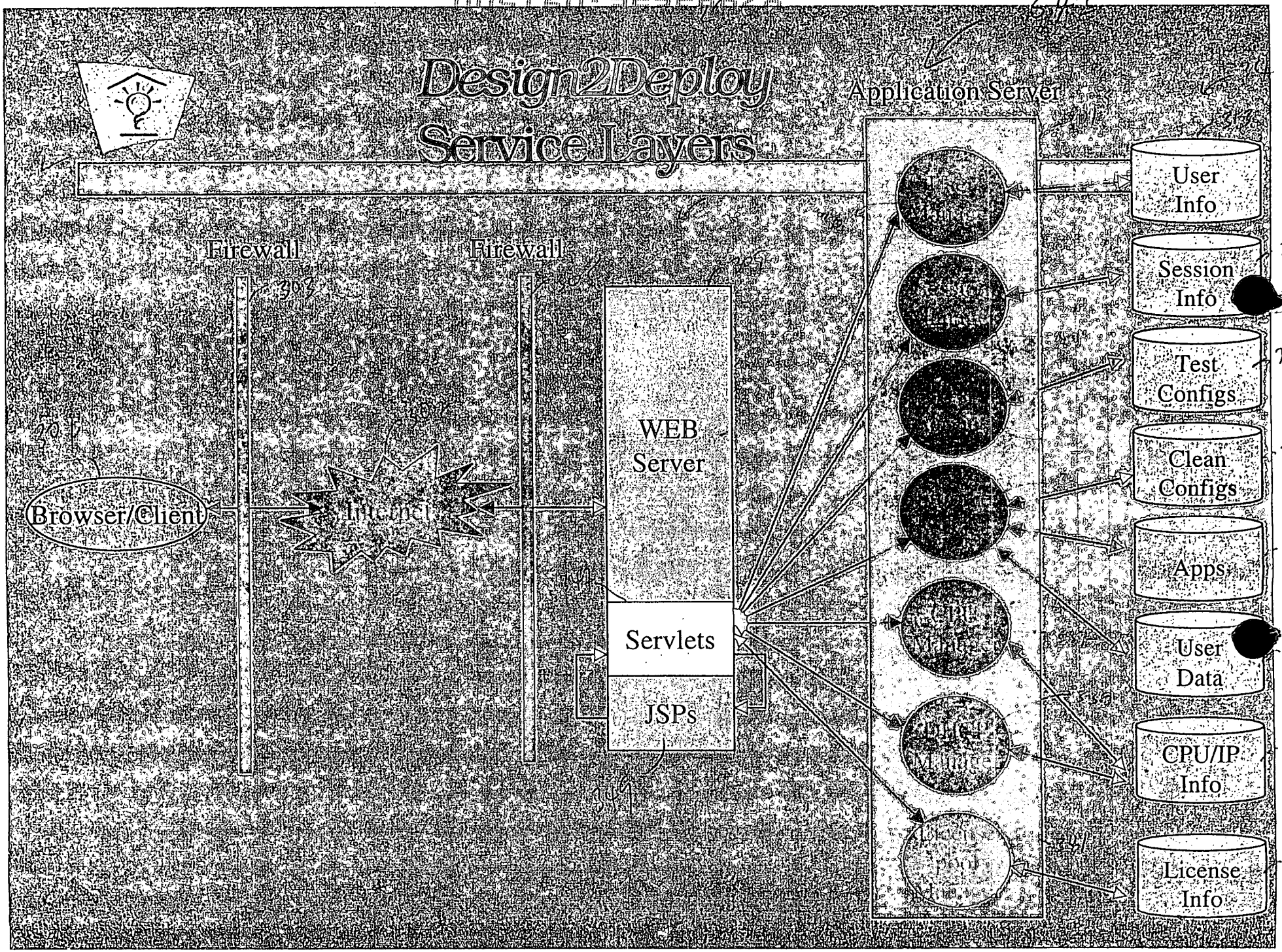

Design2Deploy
Service Layers
Application Server
Firewall
Firewall
WEB
Server
Servlets
JSPs
Browser/Client
Internet
User
Info
Session
Info
Test
Configs
Clean
Configs
Apps
User
Data
CPU/IP
Info
License
Info

FIG. 3

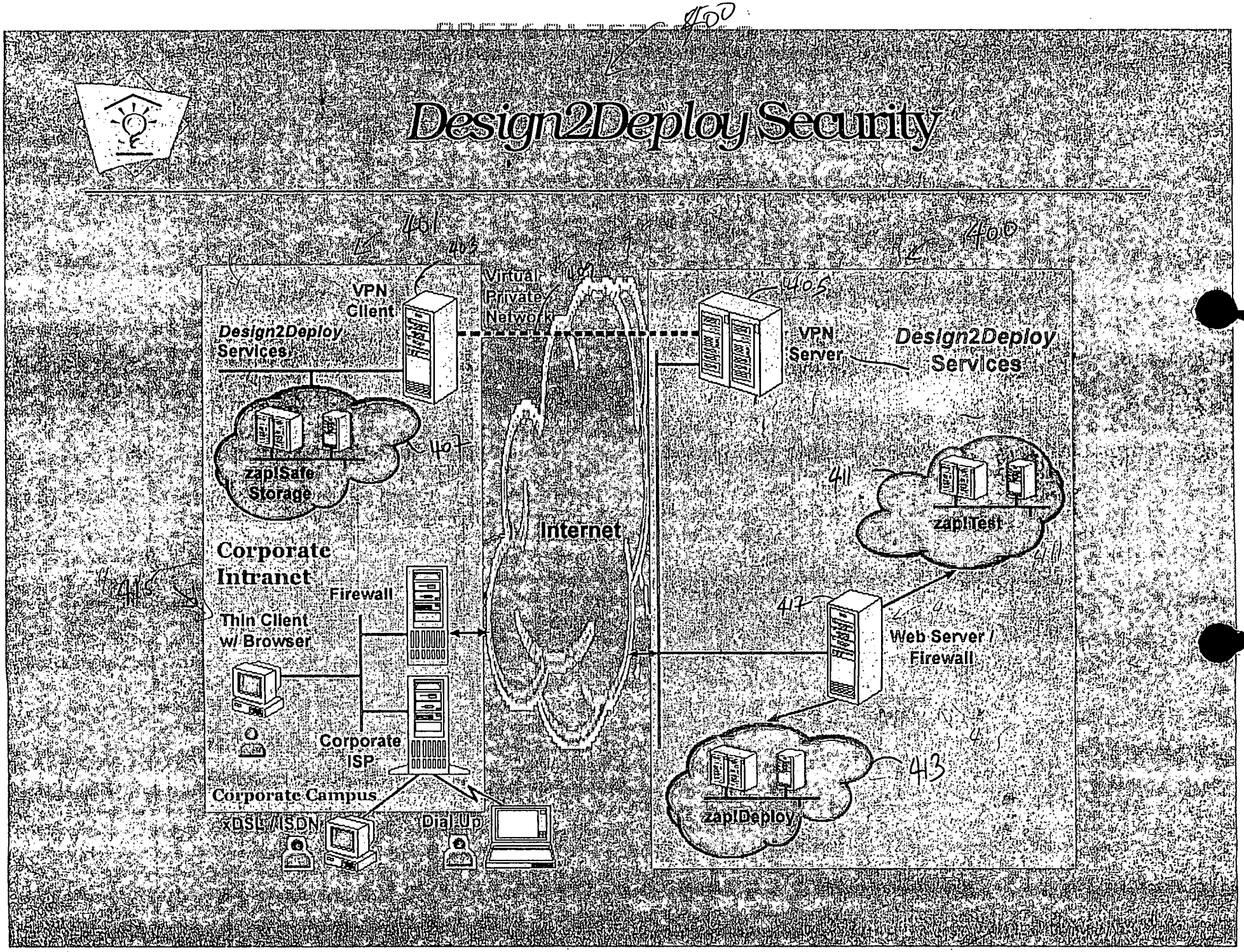

Design2Deploy Security
VPN Client
Design2Deploy Services
Virtual Private Network
VPN Server
Design2Deploy Services
zapISafe Storage
Internet
zapITest
Corporate Intranet
Firewall
Thin Client w/ Browser
Web Server / Firewall
Corporate ISP
Corporate Campus
zapIDeploy
xDSL / ISDN
Dial Up

FIG. 4

09653552.090502

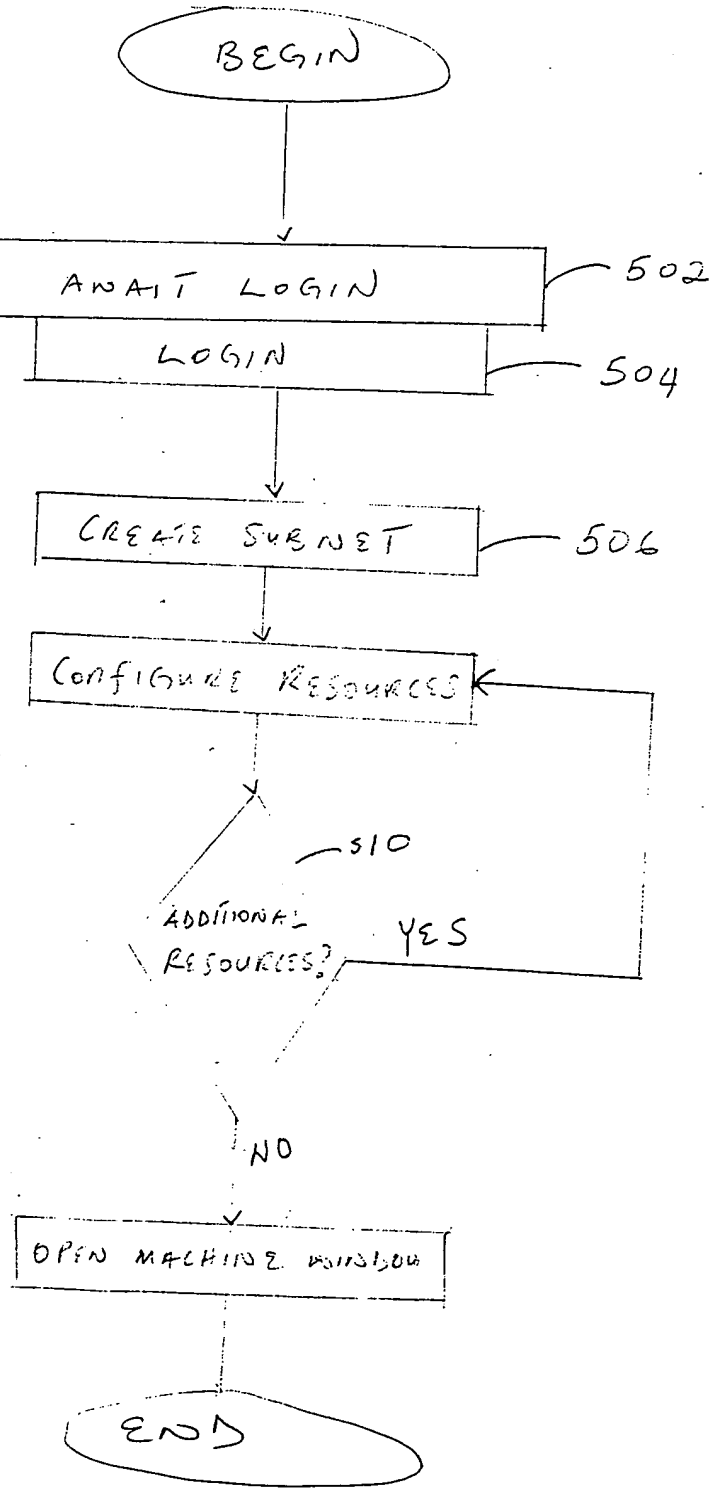


FIG. 5